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24-AT-6045
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fennern

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Art Unit: 3641

Serial No.: 09/683,343

:

Examiner: R. Palabrica

Filed: December 17, 2001

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For: MODULAR REACTOR
CONTAINMENT SYSTEM

:

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GROUP 3600

AMENDMENT AFTER FINAL OFFICE ACTION (37 C.F.R. § 1.116)

Commissioner for Patents
Mail Stop AF
P.O. Box 1450
Alexandria, VA 22313

Applicant respectfully requests consideration and entry of the following amendment
submitted in response to the Office Action dated December 3, 2003, and made final.

IN THE CLAIMS

1. (currently amended) A metal containment vessel for a boiling water
nuclear reactor, the boiling water nuclear reactor comprising a reactor pressure vessel, said
containment vessel comprising:

a bottom head;

a removable top head;

a substantially cylindrical sidewall extending from said bottom head to said top
head, said bottom head, top head and cylindrical sidewall defining a containment cavity sized to
receive and enclose the reactor pressure vessel, said containment cavity comprising a
containment cavity volume, said containment cavity volume less than 4 times the volume of the
reactor pressure vessel, said containment vessel having a pressure rating of at least about 50
atmospheres;